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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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4-10

AGRICULTURAL NEWS: Above normal rainfall prevailed across the Commonwealth this past week. Temperatures for the week average 60 degrees across the State which was 1 degree above normal. Statewide precipitation averaged 1.54 inches, .55 inches above normal.

Topsoil moisture was rated 3 percent very short, 18 percent short, 69 percent adequate and 10 percent surplus. **Subsoil moisture** was rated 4 percent very short, 30 percent short, 63 percent adequate and 3 percent surplus. There were 5.5 days, out of the possible 7, suitable for fieldwork. The majority of farm work for the week consisted of planting corn and soybeans, applying fertilizer, ground preparation and spraying weeds.

ROW CROPS: Corn planting saw significant progress last week. As of Sunday April 25, 74 percent of the intended corn acreage had been planted compared to 35 percent last week, and 45 percent for the five year average. Corn emergence was reported at 39 percent, 37 percent above last year's 2 percent and the five year average of 16 percent. Rainfall received over the weekend will be beneficial to crop development. Farmers were slowly starting to plant soybeans. As of Sunday, 3 percent had been planted.

TOBACCO: Greenhouse and floatbeds represent 98 percent of tobacco planted while conventional beds represent just 2 percent. As of April 25, 41 percent of tobacco plants were less than 2 inches tall, 35 percent were 2 to 4 inches tall, and 24 percent were taller than 4 inches.

SMALL GRAINS: The winter wheat crop headed or heading was 6 percent, above last year's 3 percent and below the five-year average of 13 percent. Wheat condition was reported as 1 percent very poor, 2 percent poor, 19 percent fair, 56 percent good, and 22 percent excellent.

OTHER CROPS AND PASTURE: Farmers expect to get their first cut of Alfalfa around the first week of May. For the week of April 25, strawberry condition was rated as 1 percent poor, 26 percent fair, 54 percent good, and 19 percent excellent. Pasture condition was rated as 1 percent very poor, 4 percent poor, 32 percent fair, 53 percent good, and 10 percent excellent.

CROP PROGRESS for week ending 04/25/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	74	35	18	45
Corn Emerged	39	NA	2	16
Wheat Headed	6	NA	3	13
Soybeans Planted	3	NA	0	2

SOIL MOISTURE for week ending 04/25/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	3	18	69	10
Subsoil	4	30	63	3

CROP CONDITIONS for week ending 04/25/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	1	2	19	56	22
Pasture	1	4	32	53	10
Strawberry	0	1	26	54	19

KENTUCKY WEATHER SUMMARY, APRIL 19 - 25, 2010:

Near Normal Temperature and Above Normal Rainfall:

Finally the Commonwealth experienced a wet week, with all climate divisions having received above normal rainfall. Rain fell nearly every day this past week somewhere in the state, caused by scattered to isolated showers through early and mid week and the widespread rainfall late in the week. The majority of rainfall came late in the week on Saturday and Sunday. This was due to a large low pressure system that moved east out of the central plains, which produced one of the first widespread severe weather events of the year. Temperatures started off cool with some scattered frost Monday morning in the east; however conditions warmed up through the week to seasonal averages.

Temperatures for the period averaged 60 degrees across the state which was 1 degree above normal and 2 degrees cooler than the previous week. High temperatures averaged from 71 in the West to 70 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 2 degrees above normal in the East. Low temperatures averaged from 52 degrees in the West to 48 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 1.54 inches statewide which was 0.55 inches above normal. Rainfall totals by climate division, West 1.50 inches, Central 2.01 inches, Bluegrass 1.34 inches and East 1.30 inches, which was 0.42, 1.01, 0.40 and 0.38 inches respectively above normal. By station, rainfall totals ranged from a low of 0.83 inches at Jackson to a high of 2.49 inches at Hardinsburg.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 25, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)										
Bardstown	1.42	2.20	2.27	-1.03	-1.39	73	39	59.4	+1	76	338	+88
Berea	1.48	1.77	1.79	-1.78	-2.17	76	32	57.9	+0	77	301	+51
Bowling Green	2.19	2.92	2.93	-0.68	-1.16	83	39	61.9	+3	93	357	+107
Bristol	0.93	1.75	1.84	-1.00	-1.27	77	33	58.4	+1	78	319	+94
Buckhorn Lake	1.66	2.08	2.12	-1.05	-1.42	74	34	57.6	+0	71	308	+83
Cape Girardeau	2.67	4.55	4.55	+0.86	+0.37	79	41	61.3	+0	88	342	+92
Campbellsville	2.28	2.61	2.62	-1.34	-1.81	80	34	58.9	+0	83	322	+72
Covington	1.39	1.87	1.97	-1.25	-1.57	71	38	56.9	-1	64	295	+95
Cumberland Gap	1.24	2.14	2.18	-1.26	-1.71	80	35	59.4	+2	79	332	+107
Dix Dam	1.38	1.85	1.85	-1.67	-2.09	73	36	58.8	+1	74	311	+61
Evansville	1.64	2.98	3.01	-0.37	-0.80	79	42	61.2	+0	84	341	+116
Glasgow	1.95	2.56	2.56	-1.23	-1.72	81	40	60.7	+2	85	336	+136
Grayson	1.40	1.73	1.76	-1.30	-1.61	75	36	57.0	-1	68	296	+96
Hardinsburg	2.49	4.40	4.43	+0.81	+0.39	79	38	59.9	+1	81	333	+83
Henderson	1.29	2.64	2.65	-0.91	-1.37	80	41	60.9	-0	83	329	+79
Huntington	1.36	2.28	2.33	-0.72	-1.02	77	39	58.6	+1	72	330	+105
Jackson	0.83	1.32	1.38	-2.10	-2.46	77	41	60.4	+3	79	366	+141
Lexington	1.12	1.52	1.56	-1.71	-2.10	73	37	58.5	+1	73	309	+109
London	1.81	2.56	2.61	-0.71	-1.09	79	38	59.8	+2	81	328	+103
Louisville	2.25	3.61	3.66	+0.08	-0.32	74	42	61.2	+2	83	360	+135
Mayfield	1.06	2.51	2.51	-1.70	-2.22	79	40	61.9	+1	90	355	+80
Nashville	2.84	3.35	3.35	-0.29	-0.76	83	42	62.6	+4	96	380	+105
Nolin Lake	1.76	2.63	2.68	-1.15	-1.51	80	37	59.6	+1	82	319	+69
Paducah	1.25	2.79	2.79	-1.39	-1.86	79	41	61.9	+1	89	353	+103
Princeton	1.07	3.25	3.26	-0.75	-1.22	78	40	60.4	-1	82	353	+78
Quicksand	0.83	1.38	1.43	-2.04	-2.41	79	40	59.7	+2	78	336	+111
Somerset	1.28	1.71	1.75	-1.91	-2.31	79	33	58.3	+1	74	317	+67
Spindletop	1.18	1.67	1.68	-1.56	-1.98	74	37	58.1	+1	70	312	+112
Williamstown	1.46	2.54	2.63	-0.92	-1.29	72	39	57.5	-0	66	303	+103

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>